

## TEM DUST ANALYSIS M40543 022

Filter Por		100 cm								
Sample Area/ Volume: Filter Type: Pore size: Effective Filter Area: Sample type: Analysis type: Grid Acceptance			100 cm2  MCE 47mm  0.45  1297  Dust  Dust  Yes 3 %				cope Nur ating Vol adicated Screen	umber: Simps umber: 3 foltage: 100 ed Mag: 25 en Mag: 20		Simpson 3 100 KV 25 KX 20 KX
m: 22	2		_		<del></del>				0.087	
iltered actor	0.1 ml	Str							-	
SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	
A2-G2	С	В	2.20	0.13	x	х	V			
	C	F	0.50	0.10	x	M36305	<b>V</b>	V	[ ]	
	c	F	1.60	0.05	x	x				
	c	M-F	1.20	0.10	x	x				
	C	В	1.50	0.12	x	x				
G4	c	M-F	2.00	0.10	x	x				
	c	F	1.00	0.10	x	x	Y			
	c	F	2.30	0.10	x	x	V			
	C	E	0.60				V			
							V		Ü	
		<b>.</b>			х	Х	$\mathbf{Z}$			
	С	F	12.00	0.10						
	С	F	1.20	0.10				Ü		
	c	В	1.00	0.15						
	m: 83 m: 22 r: 10  Itered actor  SquareID: A2-G2	### Signature   ### ### Signature   ### ### ###   ### ### ### ###    ### ### ### ###   ### ### ### ###   ### ### ### ###   ### ### ### ###   ### ### ### ###   ### ### ### ### ###   ### ### ### ### ###   ### ### ### ### ### ###   ### ### ### ### ### ###   ### ### ### ### ### ###   ####	Grid Acceptance Yes  m: 83   Num m: 22   Number  r: 105    Ittered 0.1 ml actor 1000   Str  SquarelD: Type: Structure:  A2-G2 C B  C F  C F  C M-F  C B  G4 C M-F  C F  C F  C F  C F  C F  C F  C F  C	Signature   Yes   3 %   Number of grid   Number of opening   Str / sqr ft	Number of grids:   2	Number of grids:   2	Str   Sqr   Sqr	Stricture:   Length   Width   Morph:   SAED:   EDS:	Stricture   Yes   3 %   Stricture   Yes   Stricture   Yes   Stricture   Yes   Stricture   Yes   Stricture   Yes   Stricture   Yes   Yes	Str   Str

C - Chrysotile TR - Tremolite NSD - No Structure Detected

CR - Crocidolite

F - Fiber

AN - Anthophyllite

B - Bundle

AC - Actinolite

14       C       F       0.80       0.05         15       C       F       1.00       0.10         16       C       B       2.00       0.20         17       C       F       6.30       0.10         18       C       F       0.50       0.10         19       C       C-F       5.00       1.00         20       C       C-F       2.50       0.50       X       X         21       C       F       4.00       0.10	
15	
16       C       B       2.00       0.20         17       C       F       6.30       0.10         18       C       F       0.50       0.10         19       C       C-F       5.00       1.00         20       C       C-F       2.50       0.50       X       X         21       C       F       4.00       0.10	
17	
18	
19	
20 C C-F 2.50 0.50 X X  21 C F 4.00 0.10  22 C F 0.60 0.10  23 C F 1.50 0.10  24 C F 7.20 0.10  25 C F 1.00 0.10  26 C F 1.20 0.10  27 C F 8.30 0.10	
20 C C-F 2.50 0.50 X X  21 C F 4.00 0.10  22 C F 0.60 0.10  23 C F 1.50 0.10  24 C F 7.20 0.10  25 C F 1.00 0.10  26 C F 1.20 0.10  27 C F 8.30 0.10	
21	
22	
23 C F 1.50 0.10  24 C F 7.20 0.10  25 C F 1.00 0.10  26 C F 1.20 0.10  27 C F 8.30 0.10	
24 C F 7.20 0.10  25 C F 1.00 0.10  26 C F 1.20 0.10  27 C F 8.30 0.10	
25 C F 1.00 0.10  26 C F 1.20 0.10  27 C F 8.30 0.10	
26 C F 1.20 0.10	
26 C F 1.20 0.10  27 C F 8.30 0.10	
27 C F 8.30 0.10	
$\downarrow$	
29 C F 0.90 0.10	
30 C B 4.00 0.12 X X ☑ □ □	
31 C F 0.50 0.10	
32 G6 C B 0.50 0.12	
33 C F 3.00 0.10	
34 C C-F 10.00 2.00	
35 C F 2.00 0.10	

NSD - No Structure Detected F - Fiber

CR - Crocidolite

AN - Anthophyllite

B - Bundle

AC - Actinolite

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36		С	F	0.70	0.10					
37		c	В	4.00	0.20					
38		С	F	3.50	0.05					
39	G8	С	F	8.50	0.10					
			F	1.00	0.10	x	x			
40		С		1.00	0.10	^		<b>V</b>		
41		С	В	1.70	0.20					
42		c	F	3.00	0.05					
43		c	C-F	3.00	0.80					
44		T/A	F	1.00	0.20	x	M36306			
45		c	F	1.00	0.05			V	V	
46		С	M-F	2.70	0.10					
47		С	В	1.50	0.22					
48		c	В	1.10	0.20					
49		С	F	1.10	0.05					
50		C	C-F	4.00	0.60	x	x			
51		C	F	7.00	0.10			✓.		
52		C	F	15.90	0.10					
53		С	<b>F</b>	5.80	0.10				13	
54		c	В	2.00	0.20			臼		
55	14	c	F	2.00	0.10				П	
56		c	F	0.80	0.10					
57		c	F	2.00	0.10					

TR - Tremolite F - Fiber CR - Crocidolite B - Bundle

AN - Anthophyllite

M - Matrix C - Cluster

NSD - No Structure Detected

AC - Actinolite

Str#:	SquarelD:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	
58		С	F	1.50	0.10						
59		c	C-F	8.00	1,50						
60		C	C-F	19.00	1.00	x	X	<b>~</b>	. $\square$		
61	A3-G6	c	C-F	24.00	1.00						
62		С	C-F	16.00	3.00						
63		С	F	1.20	0.10	•					
64		C	F	0.70	0.10						
65		С	В	2.50	0.22						
66		С	F	4.00	0.05						
67		С	F	6.00	0,10						
68		С	F	1.00	0.10						
69		С	В	22.00	0.20						
70		С	F	0.50	0.10	x	x				
71		С	F	1.20	0.10			<b>✓</b>			
72		c	<b>.</b>	3.00	0.10						
73		c	F	0.60	0.10						
74		С	F	0.60	0.10						
75		С	C-F	7.00	1.00						
76		С	₿	2.00	0.20						
77		С	F	3.70	0.10						
78	G4	T/A	В	3.00	0.40	M36308	M36307	V		Li	
79		С	M-F	1.50	0.05			U			
		manus mumat 21.9 Pr					e a commenciar sel la se con Marin Sonda, sella a seco a com	السا	نـا		

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite CR - Crocidolite F - Fiber

AN - Anthophyllite

B - Bundle

AC - Actinolite

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:	
80		C	C-F	11.00	0.80	X	X	~			
81		c	F	3.00	0.10						
82		С	В	3.50	0.40						
83		С	F	1.10	0.10						
84		c	F	0.90	0.10						
85		С	C-F	6.00	0.80						
86		С	С-В	32.00	4.00						
87	G2	c	C-F	16.00	2.00						
	32										
88		С	C-F	4.00	1.00						
89		С	F	7.20	0.10			<u> </u>			
90		С	В	4.50	0.22	х	X	Z			
91		С	В	1.00	0.20						
92		С	C-F	1.00	0.30						
93		С	В	0.50	0.10						
94		С	F	1.20	0.10						
95		С	F	0.60	0.05						
96		С	В	1.00	0.25						
97		С	F	0.80	0.10						
98		С	В	0.80	0.15						
99		С	F	0.50	0.10						
100		С	В	2.20	0.15	Х	x	<b>.</b>			
101		С	F	0.50	0.05						
٠ لــــــــــــــــــــــــــــــــــــ											

NSD - No Structure Detected F - Fiber

TR - Tremolite
CR - Crocidolite
AN - Anthophyllite
AC - Actinolite

B - Bundle M - Matrix C - Cluster

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
102		С	В	4.50	0.20					
103		c	В	1.00	0.20					
104		c	<b>F</b> .	0.69	0.10					
105		C	F	1.00	0.10					
									M405	43 022
						P 14 P 2 . N. C.				- Parish - P

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite

F - Fiber

CR - Crocidolite

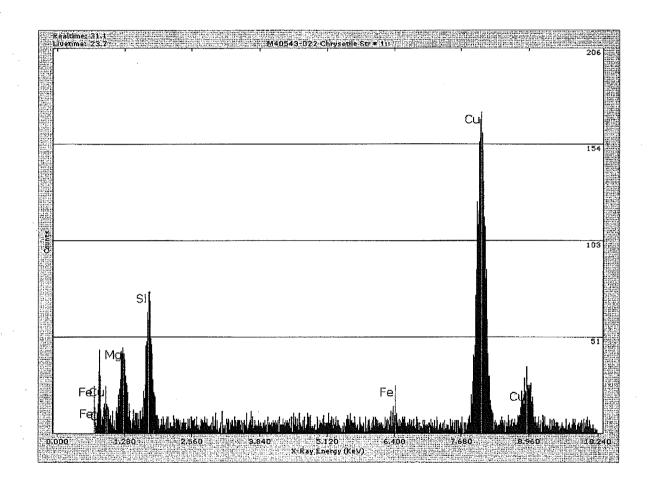
B - Bundle

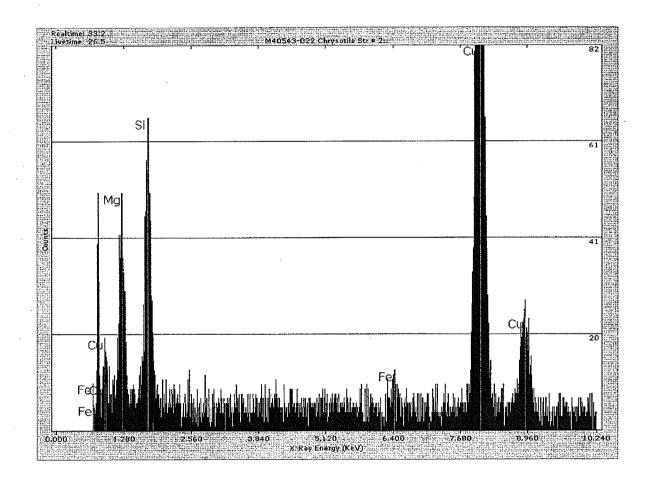
AN - Anthophyllite

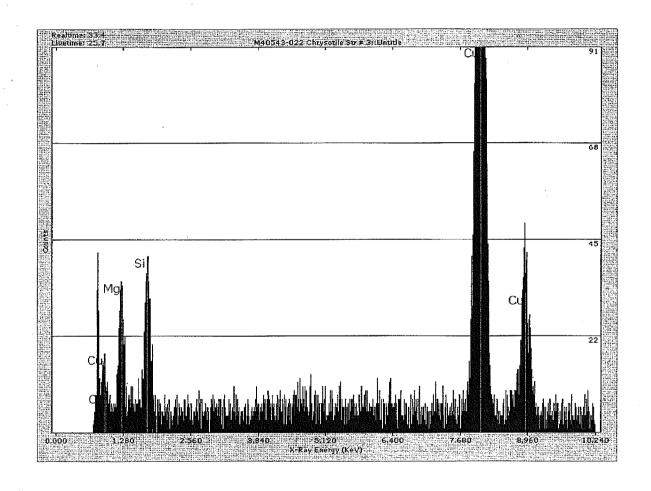
M - Matrix

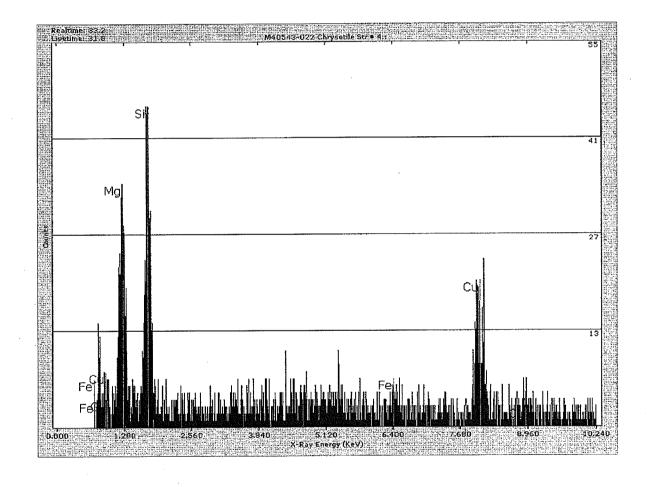
AC - Actinolite

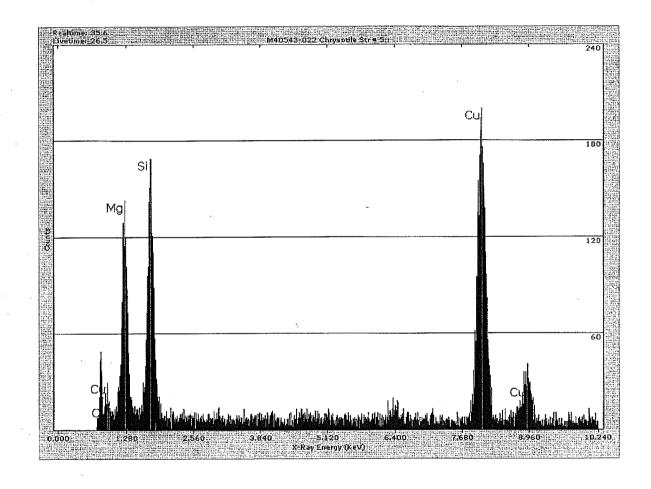
C - Cluster

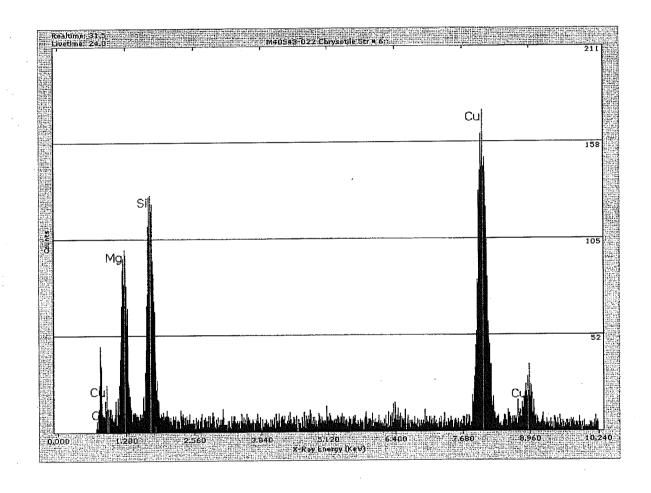


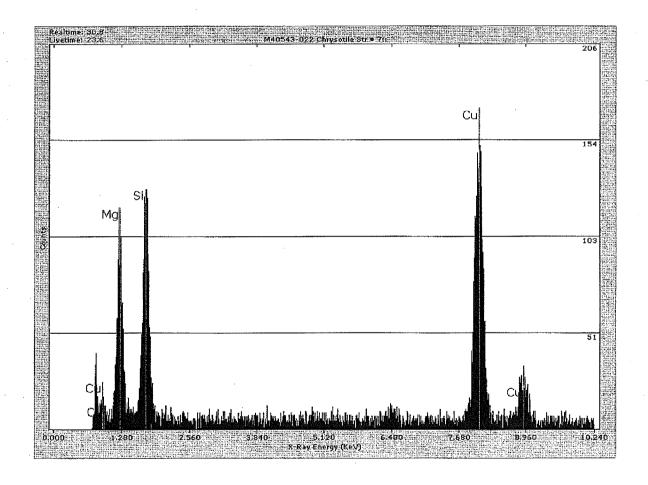


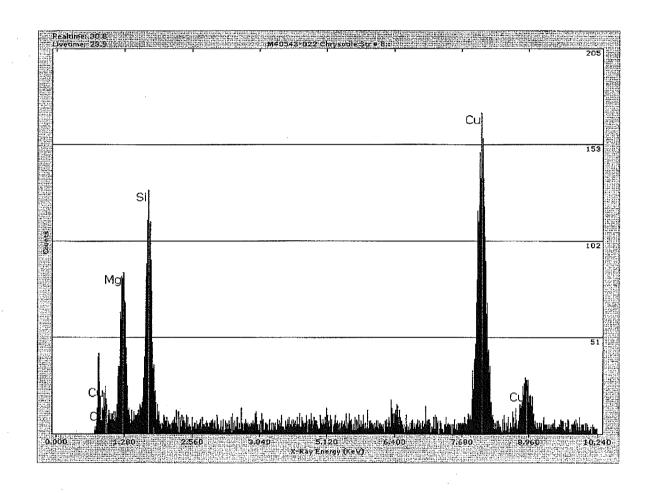


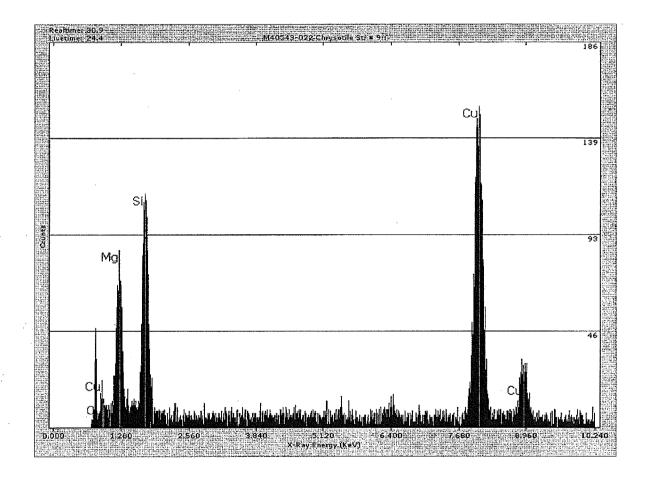


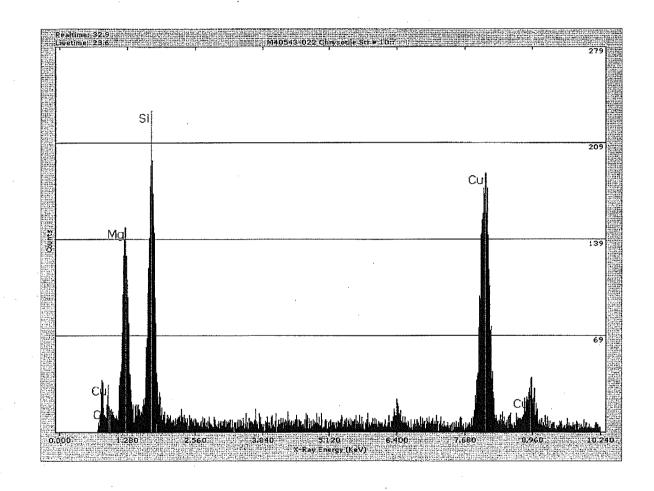


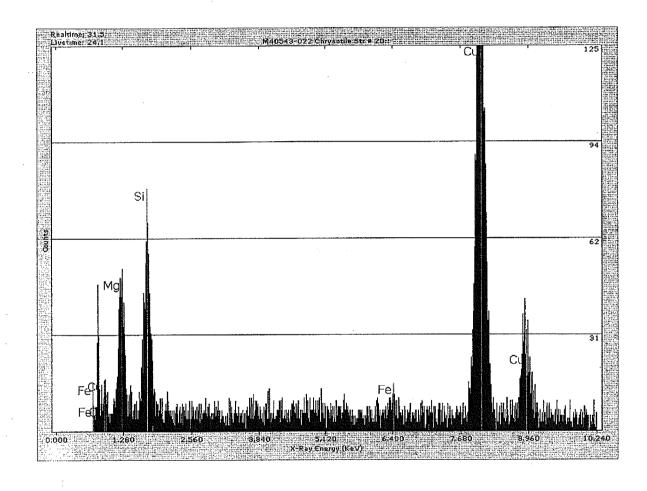


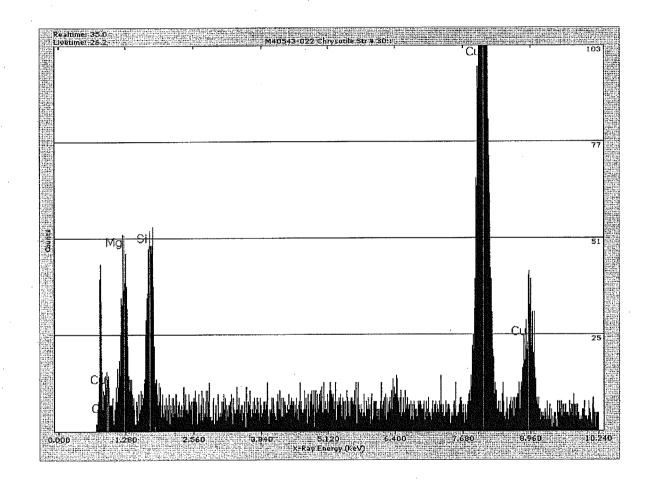


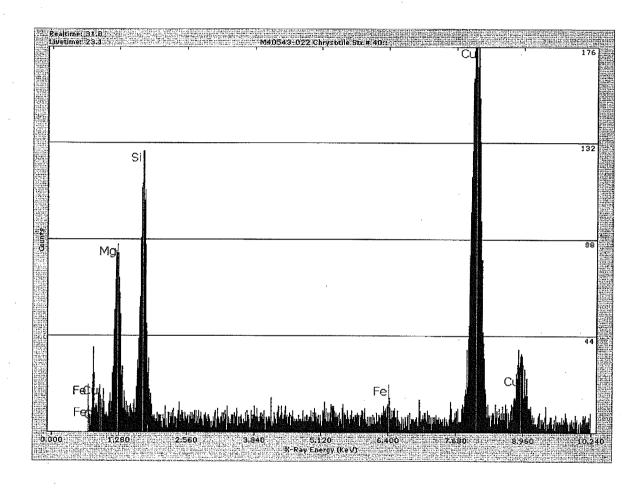


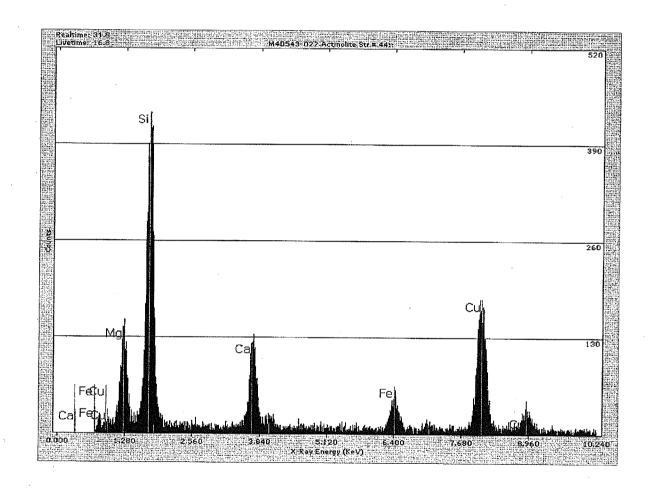


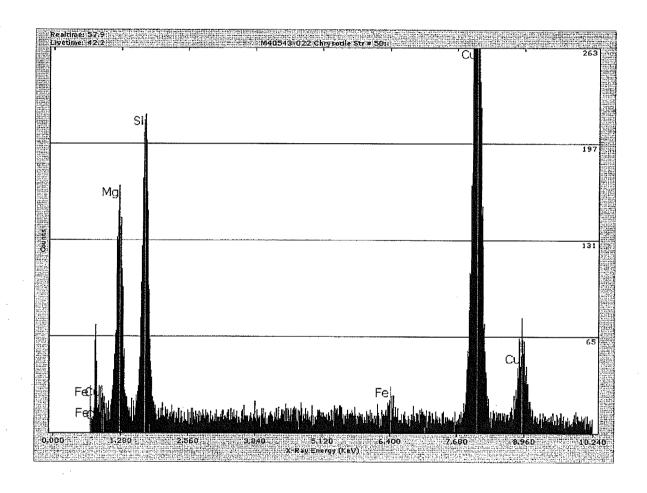


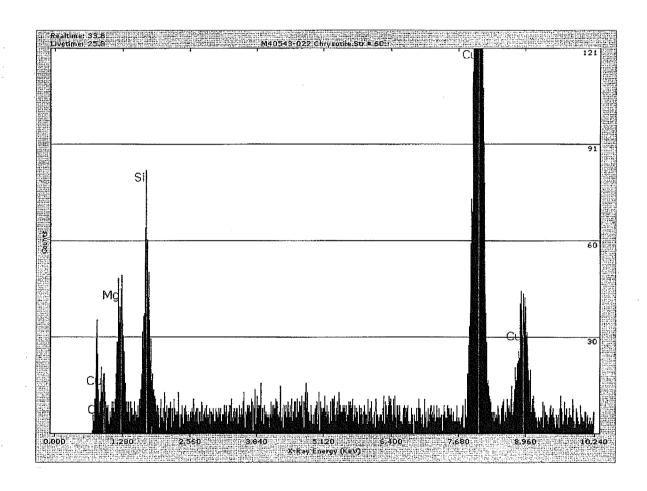


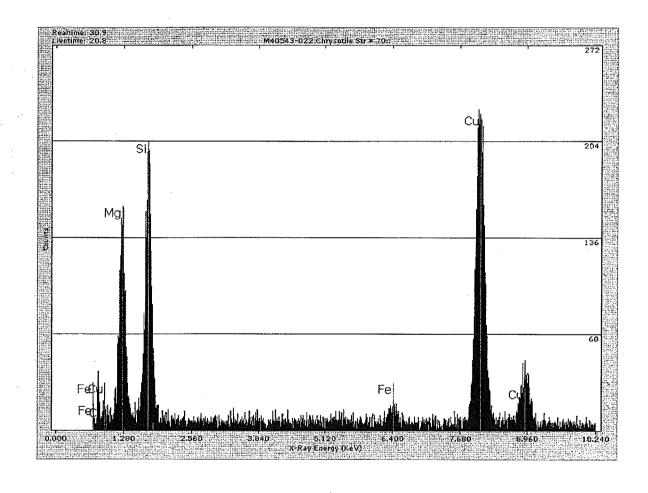


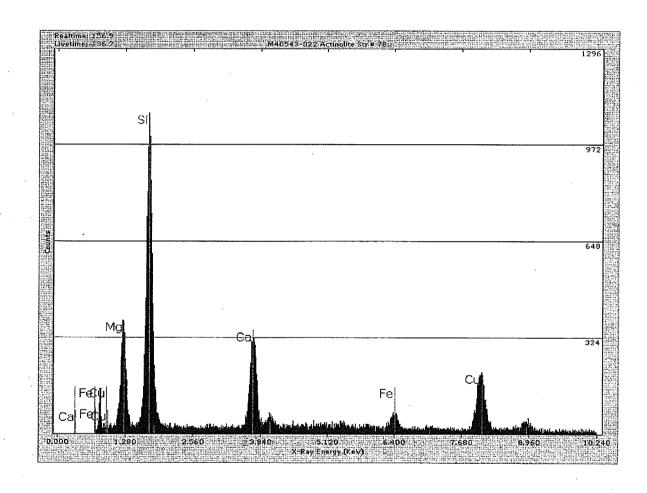


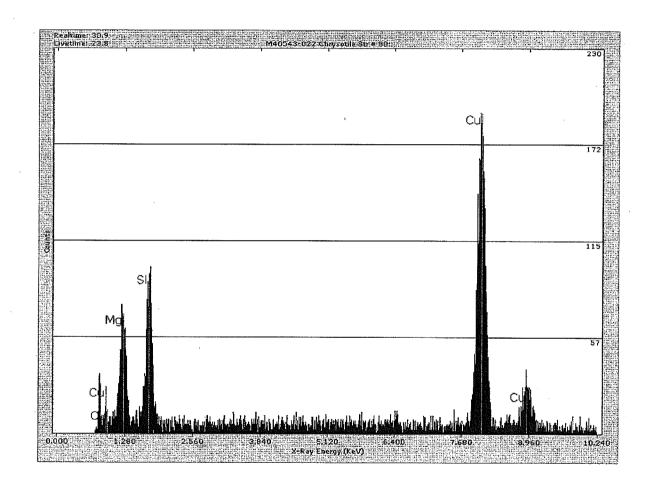


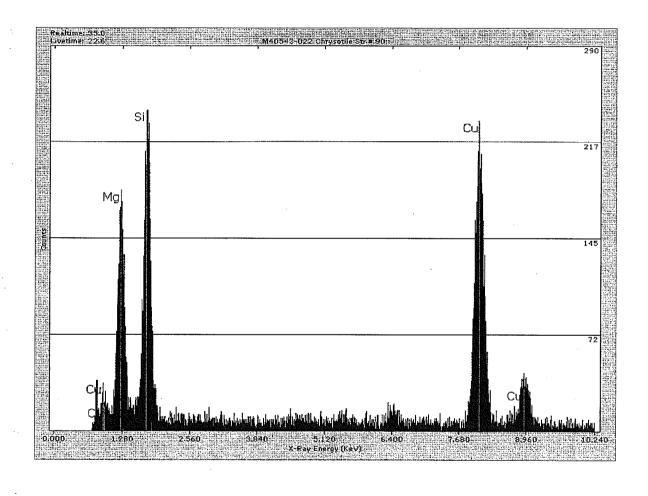


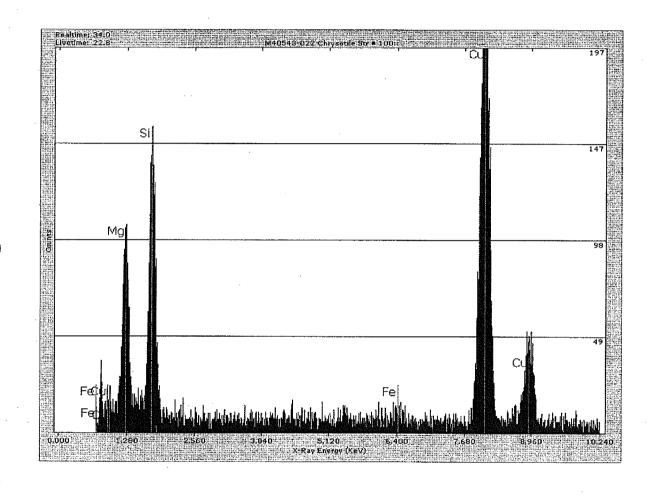












## TEM DUST ANALYSIS M40543 023

Dies and I Settled Du		es		Clie	nt Sample	ID:	SSB 5				
Effective F San Anal	ilter Type: Pore size:	100 cm2 MCE 47mm 0.45 1297 Dust Dust Yes 3%				Accele	Date Analy Ana Scope Nun erating Vol Indicated Screen Grid	nlyst: nber: tage: Mag: Mag:	10/6/2006 Kevin Simpson 3 100 KV 25 KX 20 KX 7184, 7169, 7185		
Str <5um: _ Str ≥5um:	40		mber of grid er of opening			3: <u>106</u> 4: 104	Average Grid Size: 0.010920 Total Area Analyzed: 0.044				
Total Str:	140	Number of openings: 4 Str / sqr ft			3.862E+1				m2 4.157E+07		
Olution Factor	0.1 ml	Str			1.103E+1	╡	Str / cr				
Dilution Factor	1000	Str / sqr ft >=5 1.103E				J	Su / Ci	112 -	>=5 1.188E+07		
Str#: Squarell	D: Type:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:		
1 B1-G2	2 C	C-F	2.00	1.00	x	<b>X</b>	<b>✓</b>		. 🗆		
2	С	C-F	6.00	2.00	X	X	¥				
3	C	В	0.80	0.20	х	х	✓				
4	<b>C</b>	В	0.60	0.20	Х	х	. ✓				
5	С	В	0.70	0.12	Х	Х	<b>✓</b>				
6	C	F	2.90	0.10	X	X	~				
7	С	. <b>F</b>	6.08	0.10	х	M36301	<b>~</b>	✓			
8	С	В	14.00	0.15	X	X	V				
9	c c	F	4.00 0.50	0.05	x x	X	<b>✓</b>				
11	c	F	2.00	0.10	<b>A</b>	х	Z				
12	c	В	0.80	0.15							
13	c	F	0.50	0.05							
		•	0.50	0.05							
	C - Chrysotil TR - Tremolii CR - Crocidol AN - Anthopl	te F-I lite B-I	SD - No Struc Fiber Bundle Matrix	ture Detecte	ed						

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
14		С	F	1.00	0.10					
15		С	F	5.20	0.10				ш	£
16		c	F	15.00	0.10					
**			•	13.00	0.10					
17		С	F	6.00	0.10					
18		c	F	0.80	0.10					
19		С	F	11.00	0.05					
20		С	C-F	15.00	2.00	X	X	V		
21		C	C+F	3.50	0.60					
22		С	В	0.80	0.15					
22							ř			
23		c	F	2.00	0.10					
24		С	F	0.50	0.10					
25		С	В	6.00	0.20					
26		С	C-F	8.00	2.00					
				0.00	2.00					
27		С	В	5.50	0.20					
28		С	B	2.00	0.20					
29		С	F	1.00	0.10					
					-					
30		С	F	9.00	0.10	Х	X	V		
31		С	F .	1.00	0.10		*			
32		С	F	3.00	0.10					
33		C	F	12.00	0.10					<u></u> ]
			r	12.00	0.10					
34		<b>c</b>	F	2.00	0.10					
35		c	F	2.80	0.10					

NSD - No Structure Detected

TR - Tremolite
CR - Crocidolite
AN - Anthophyllite

F - Fiber B - Bundle

AN - Anthophyllit AC - Actinolite

Str#;	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
36	G3	c	F	2.80	0.10					
37		c	В	1.20	0.20					
38		c	F	12.00	0.10					
39		<b>c</b>	F	1.60	0.10					
40		C	C-F	3.00	1.00	x	X	<b>✓</b>		
41		С	F	1.00	0.10					
42		c	В	4.00	0.10					
43		c	F	2.00	0.10					
44		c	F	8.00	0.10					
45		C	C-F	0.80	0.40					
46		C	F	0.60	0.10					
47		C	F	2.50	0.10					
48		С	C-F	6.50	2.00					
49		С	F	1.10	0.10					
50										
50		С	В	6.00	0.20	х	X	V		
51		С	F	1.50	0.10					
52		C	F	14.00	0.10					
53		c	F	6.00	0.10					
54		С	C-F	2.00	0.60				. 🗆	
55		c	F	0.60	0.10					
					÷			$\Box$		
56		c	C-F	7.50	0.80					
57		С	F	1.00	0.10					
								٠ لـــا		1

F - Fiber

CR - Crocidolite AN - Anthophyllite B - Bundle

**NSD** - No Structure Detected

M - Matrix

AC - Actinolite

C - Cluster

S C C F 3.00 0.70	Str#:	SquareID:	Туре:	Structure;	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
59	58		С	C-F	3.00	0.70					Γ <b>1</b>
60	59		c	F	4.00	0.10					
61	60		c	F	4.00	0.10	x	x		L	-
62									V		
63 C B 6.00 0.30  64 C F 4.00 0.10  65 C F 2.00 0.10  66 C F 6.00 0.10  67 C F 1.20 0.10  68 C F 1.20 0.10  70 C F 8.00 0.10  71 C F 8.00 0.10  72 C F 8.00 0.10  73 B3-D4 C F 8.00 0.10  74 C F 8.00 0.10  75 C B 1.00 0.20  76 C F 4.30 0.20  77 C F 8.30 0.10  78 C F 8.30 0.10  79 C F 8.30 0.10  70 C F 8.00 0.10  71 C F 8.00 0.10  72 C F 8.00 0.10  73 B3-D4 C F 8.00 0.10  74 C F 8.00 0.10  75 C B 1.00 0.20  76 C B 1.00 0.20  77 C F 4.30 0.10	61		C	F	4.60	0.10					
63	62		С	F	5.30	0.10				П	[""]
65	63		c	В	6.00	0.30	•				
66	64		C	F	4.00	0.10			1		L
	65		C	F	2.00	0.10					
67 C F 2.30 0.10											
68	66		С	F	6.00	0.10					
68	67		C	F	2,30	0.10				1-7	ī
69 C B 12.00 0.10	68		С	F	1.20	0.10					
70	69		c	В	12.00	0.10					[]
71	70		C	=	1 00	0.10	v	v			
							Λ.	•	✓		
72	71		С	F	8.00	0.10					
73       B3-D4       C       F       8.00       0.10	72		C	C-F	7.00	1.00					
74 C F 6.00 0.10  75 C B 1.00 0.20  76 C B 1.00 0.20  77 C F 4.30 0.30  78 C B 1.50 0.20  79 C F 4.40 0.10	73	B3-D4	c	F	8.00	0.10					
75 C B 1.00 0.20  76 C B 1.00 0.20  77 C F 4.30 0.10  78 C B 1.50 0.20  79 C F 4.40 0.10	74		С	F	6.00	0.10					
76 C B 1.00 0.20  77 C F 4.30 0.10  78 C B 1.50 0.20  79 C F 4.40 0.10											
77 C F 4.30 0.10  78 C B 1.50 0.20  79 C F 4.40 0.10					1.09	0.20					
77 C F 4.30 0.10  78 C B 1.50 0.20  79 C F 4.40 0.10	76		С	В	1.00	0.20					
78 C B 1.50 0.20  79 C F 4.40 0.10	77		С	F	4.30	0.10					
79 C F 4.40 0.10	78		c	В	1.50	0.20					i_J
	79		c	F	4.40	0.10			Ц	П	
			-	•		V.2V			L		

C - Chrysotile TR - Tremolite NSD - No Structure Detected

TR - Tremolite
CR - Crocidolite

F - Fiber

AN - Anthophyllite

B - Bundle

AC - Actinolite

M - Matrix C - Cluster

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
80		c	F	1.00	0.10	X	Х	<b>✓</b>		
81		C	C-F	4.00	2.00					
82		c	F	0.80	0.10	•				
83		С	В	3.60	0.20					and a
84		С	F	3.50	0.05					
85		С	В	0.90	0.12					
86		С	В	1.30	0.30					
87		c	C-F	1.50	1.50					
88		C	F	3.50	0.10					
89		C	F	2.00	0.10					
90		С	В	8.00	0.10	x	x			
91		С	F	2.10	0.10			<b>V</b>		
92		С	F	1.50	0.10					
93		С	F	1.80	0.05					
94		С	F	1.00	0.10					
95	C4	c	F	2.00	0.10					
96		С	В	20.00	0.10					
97		c	F	4.00	0.10					
98		_	В	3.20	0.15					
	٠									
99		С	C-F	8.00	1.50					
100		С	F	3.00	0.10	X	Х	<b>V</b>		
101		С	F	2.40	0.10				IJ	$\square$

C - Chrysotile TR - Tremolite NSD - No Structure Detected

CR - Crocidolite
AN - Anthophyllite

F - Fiber B - Bundle

AN - Anthophymic AC - Actinolite M - Matrix C - Cluster

Str#	SquareID;	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
102		С	F	3.00	0.05					
103		C	F	2.20	0.10					
104		C	F	2.30	0.10					
105		С	F	3.50	0.10					
106		С	F	3.00	0.10					
107		С	ř	2.30	0.10					
108		С	F	2.00	0.10					
109		c	F	5.50	0.10					
110		С	F	0.80	0.10	X	x			
111		С	F	8.00	0.10			✓		
112		С	F	1.70	9.05			П		
113		c	В	1.00	9.19	•				
114		c	C-F	3.70	0.60					
115		С	F	3.80	0.10					
116		c	F	14.00	0.10					
										C
117		С	F	0.50	0.05			П		
118		С	В	10.00	1.20					
119		C	F	1.20	0.10					
120		C	F	1.00	0.10	x	x			
121		С	F	0.80	0.10			Z		
122		C	F	0.50	0.05					
123		C	C-F	3.40	0.60				Li	
L				· · · · · · · · · · · · · · · · · · ·						

C - Chrysotile TR - Tremolite NSD - No Structure Detected

CR - Crocidolite
AN - Anthophyllite

F - Fiber B - Bundle

AN - Anthophyllite AC - Actinolite M - Matrix C - Cluster

Str#:	SquareID:	Туре:	Structure:	Length	Width	Morph:	SAED:	EDS:	Photo:	Sketch:
124		C	В	2.20	0.12					
125		С	F	7.50	0.10					
126		С	<b>F</b> .	2.20	0.10					
127		c	F	1.60	0.05					
128		C	F	9.00	0.10					
129		С	F	0.60	0.10					
130		С	F	6.00	0.10	x	x			
131		С	В	2.00	0.20			✓ .		
132		<b>c</b> .	F	1.50	0.05		•			
133		С	В	2.00	0.30					
134		С	F	12.00	0.10					
										Wagners .
135		С	F	5.20	0.10			$\Box$	0	
136		С	F	3.00	0.10					
137		С	F	1.70	0.10			$\Box$		G
138		С	F	0.50	0.10			[]		
139		С	F	3.30	0.10			<u>.</u>		
140		С	F	0.60	0.10	x	x	<b>~</b>		
								( <b>E</b> .)	M4054	

C - Chrysotile

NSD - No Structure Detected

TR - Tremolite

F - Fiber

CR - Crocidolite

B - Bundle

AN - Anthophyllite

M - Matrix

AC - Actinolite

C - Cluster

